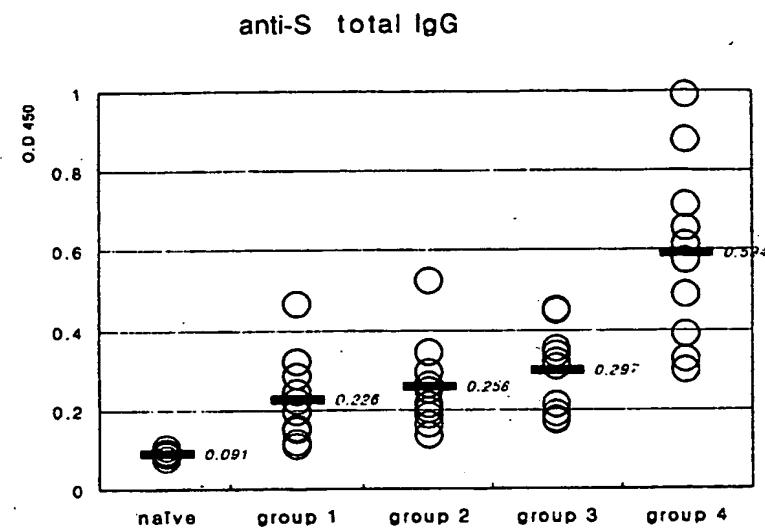
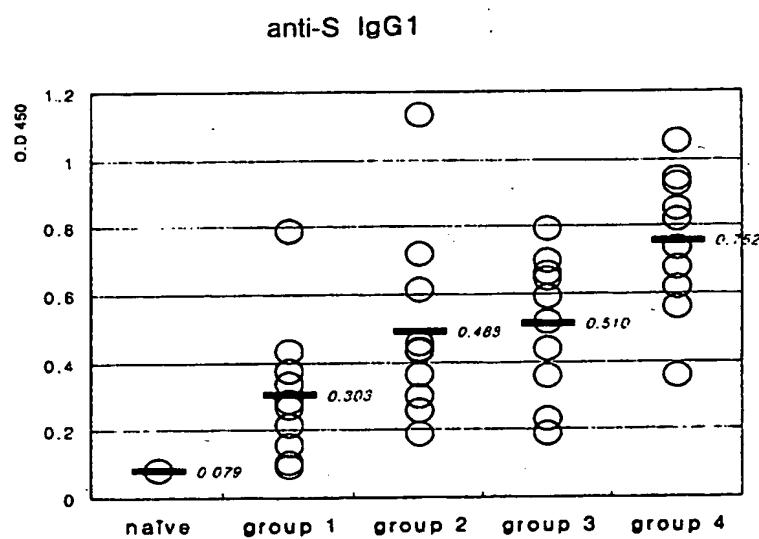


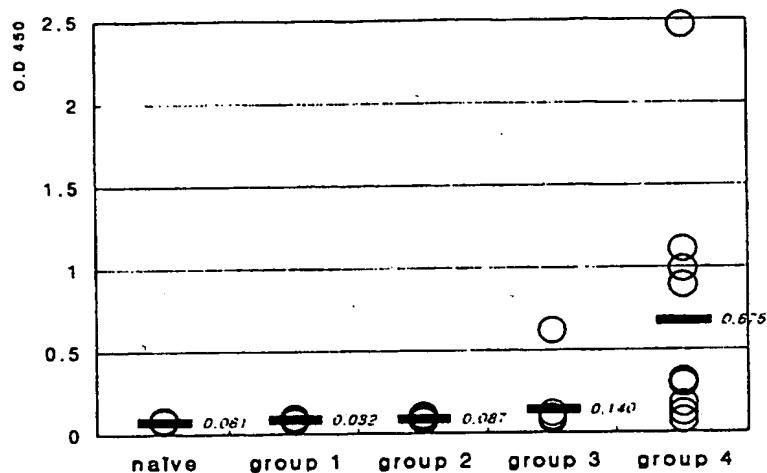
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FIG 1a**FIG 1b**

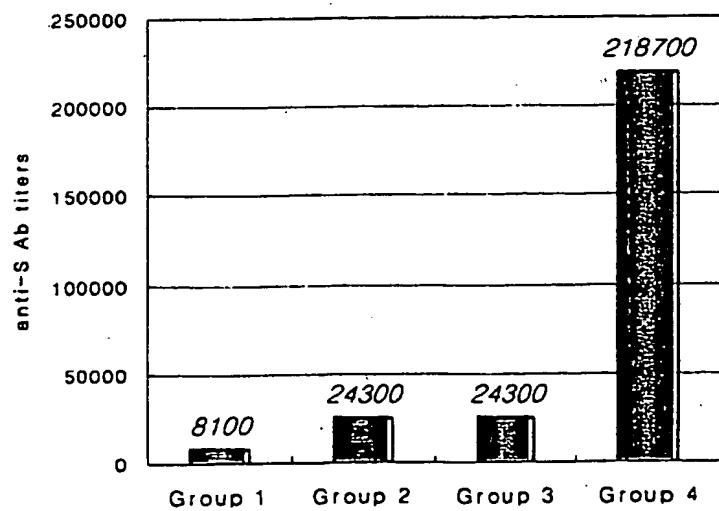
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FIG 1c

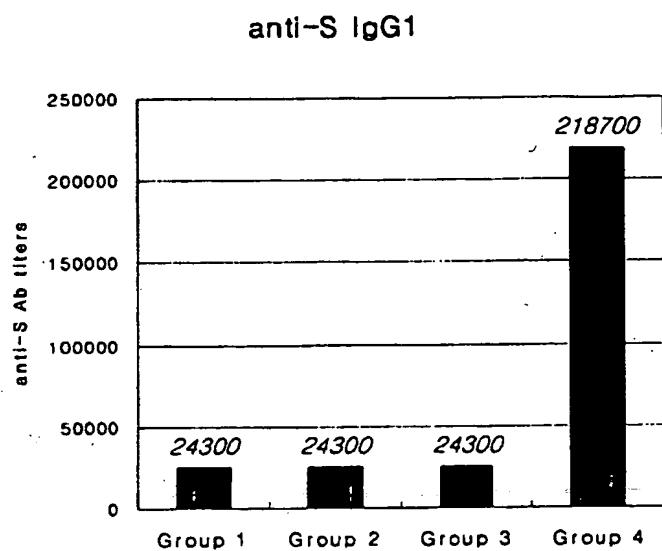
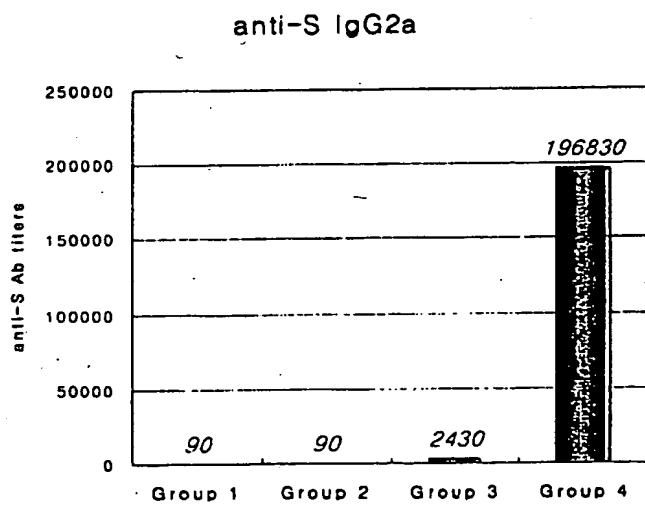
anti-S IgG2a

**FIG 1d**

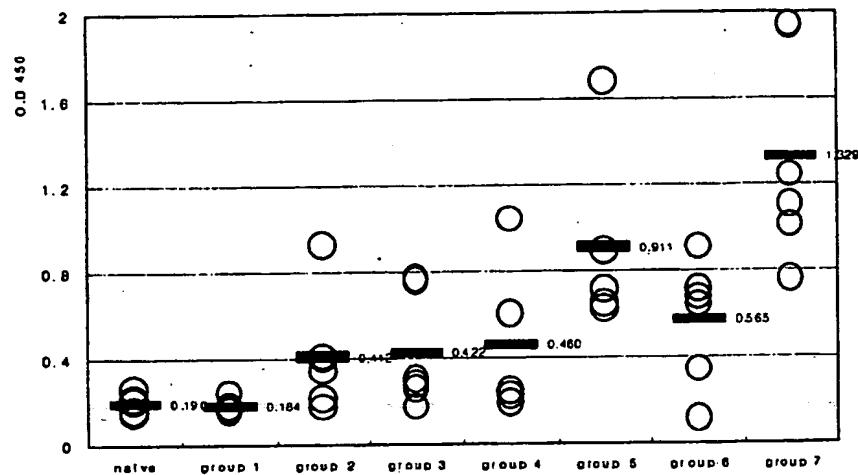
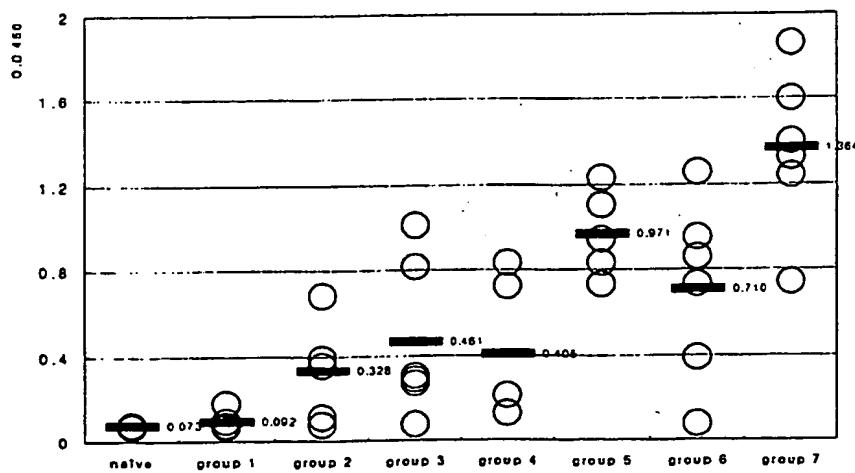
anti-S total IgG



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FIG 1e**FIG 1f**

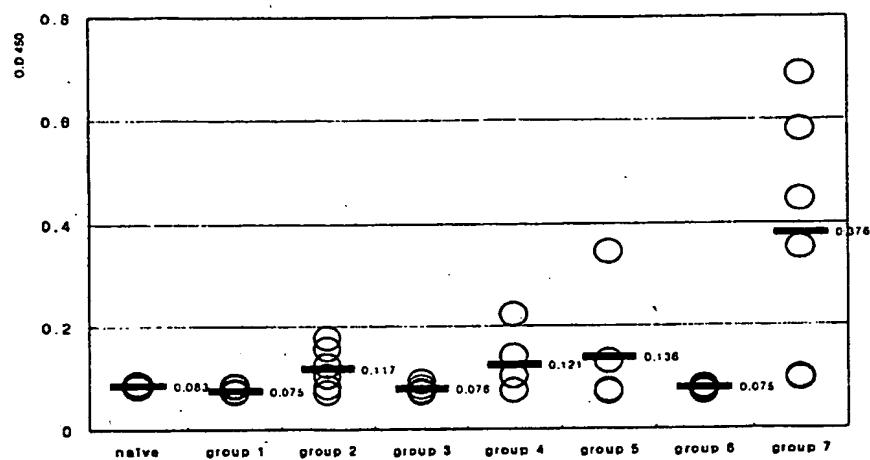
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FIG 2a**Total IgG****FIG. 2b****IgG1**

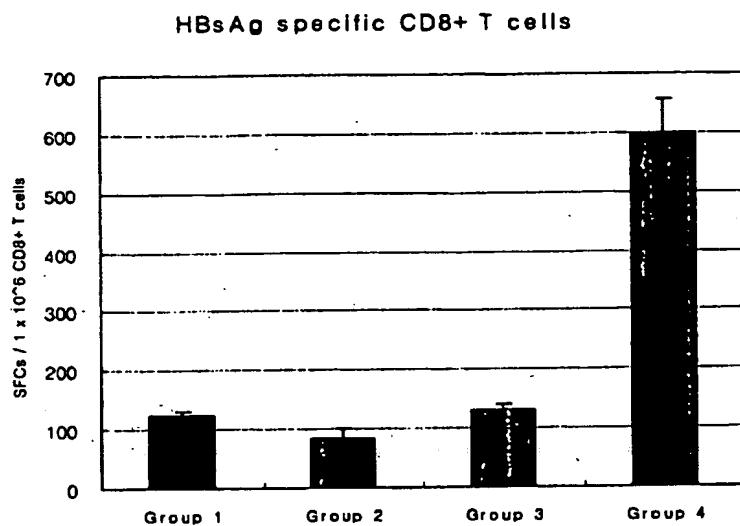
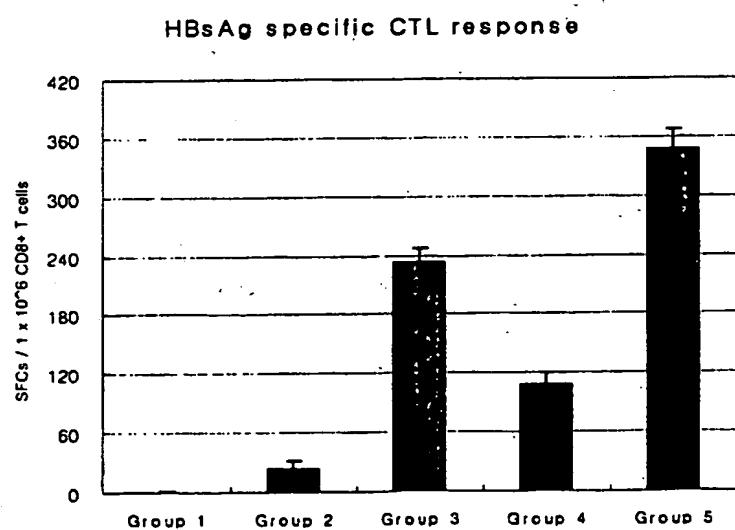
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FIG 2c

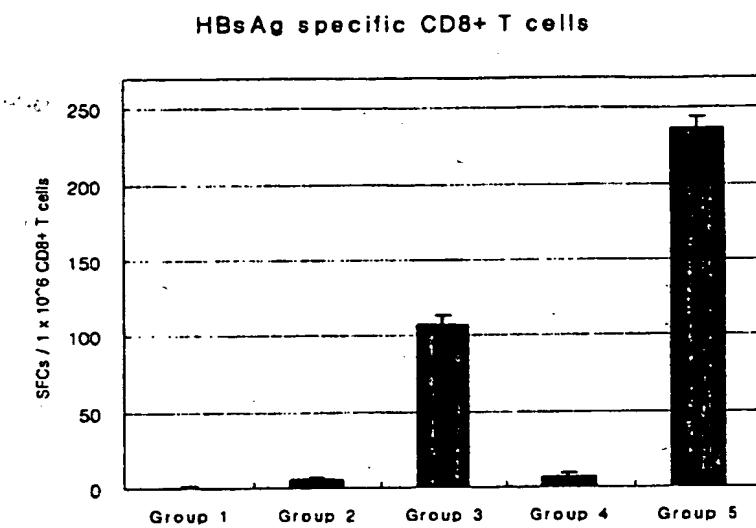
IgG2a



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FIG. 3a**FIG. 3b**

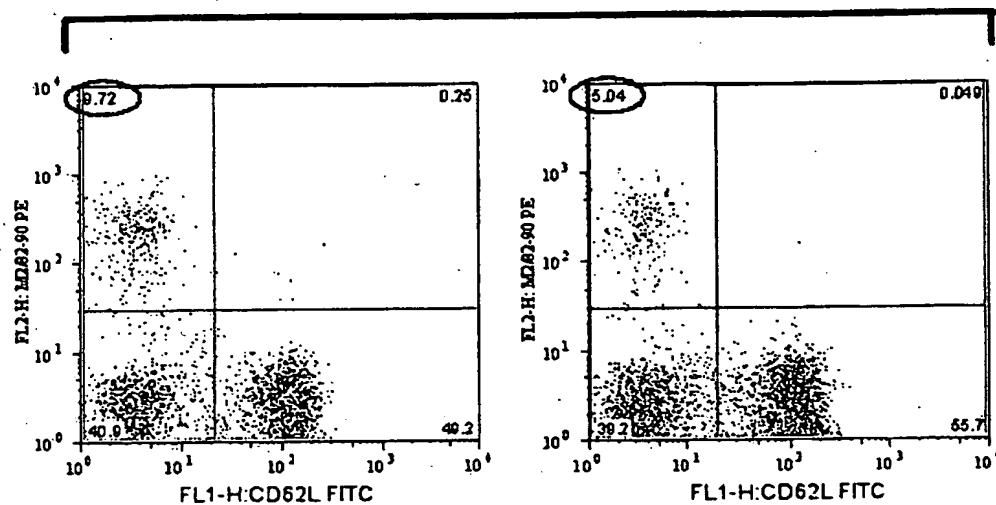
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FIG 3c

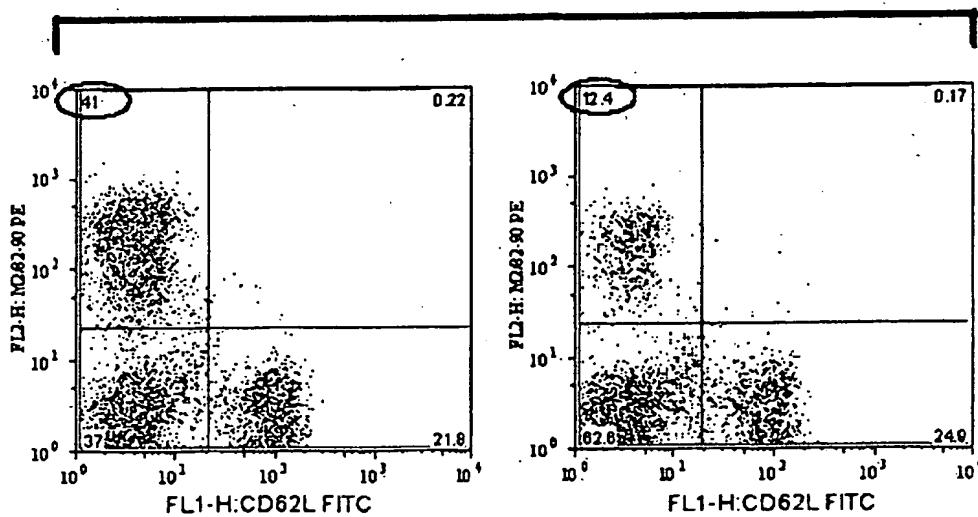
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FIG 4a

Mock microspheres



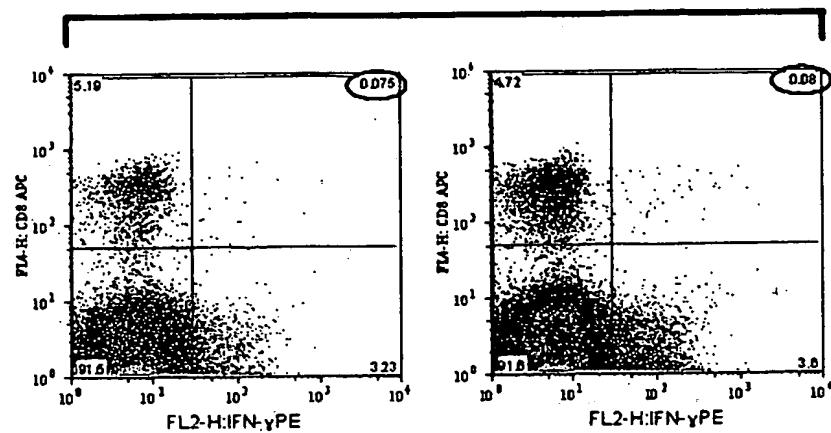
IL-12-encapsulating microspheres



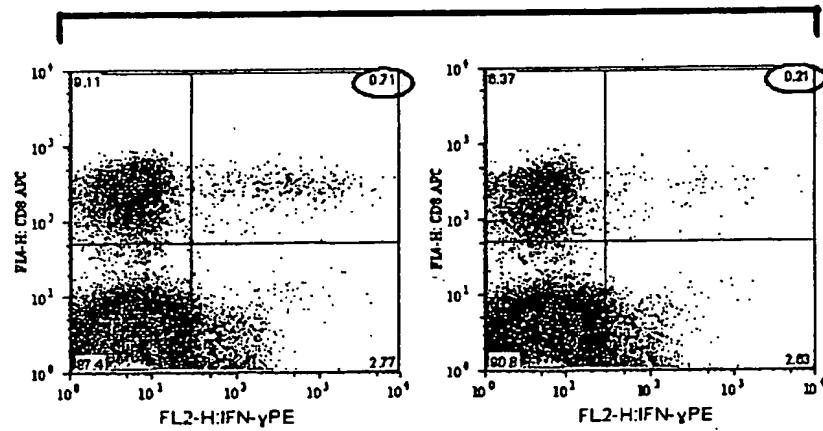
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FIG. 4b

Mock microspheres



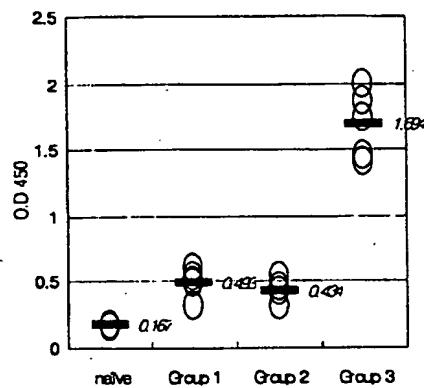
IL-12-encapsulating microspheres



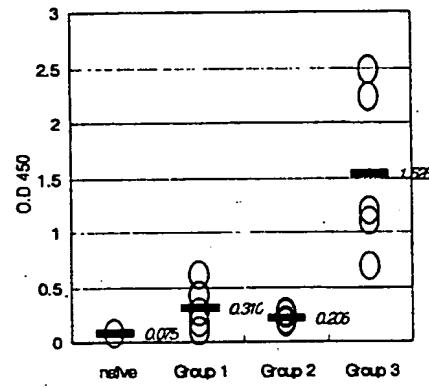
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FIG 5**FIG. 5a**

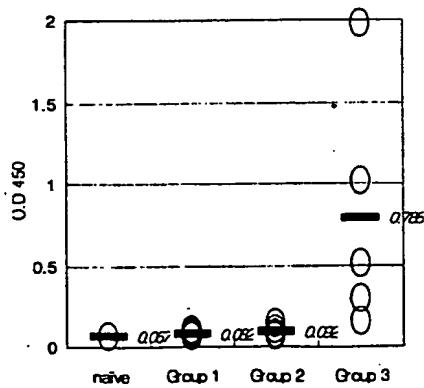
anti-S total IgG

**FIG. 5b**

anti-S IgG1

**FIG. 5c**

anti-S IgG2a

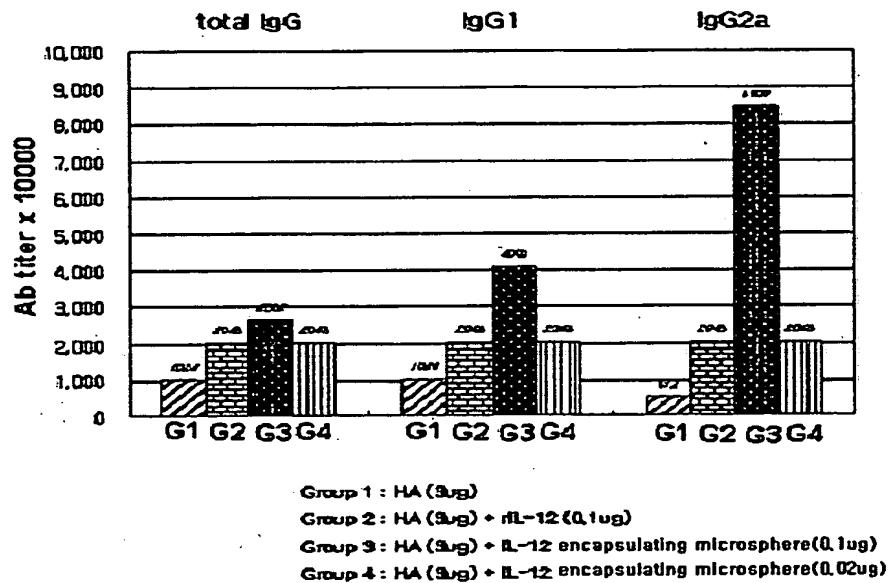


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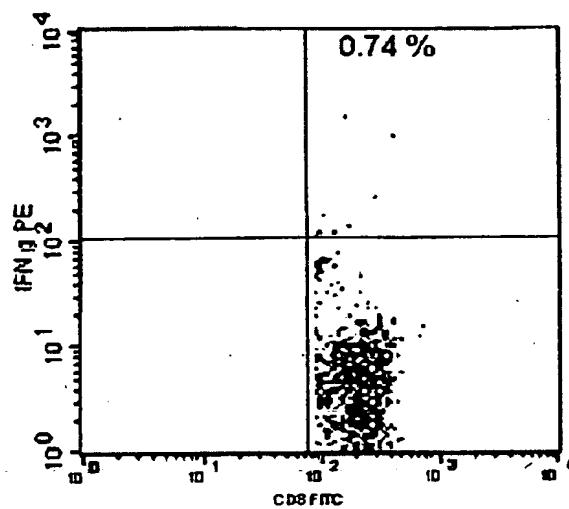
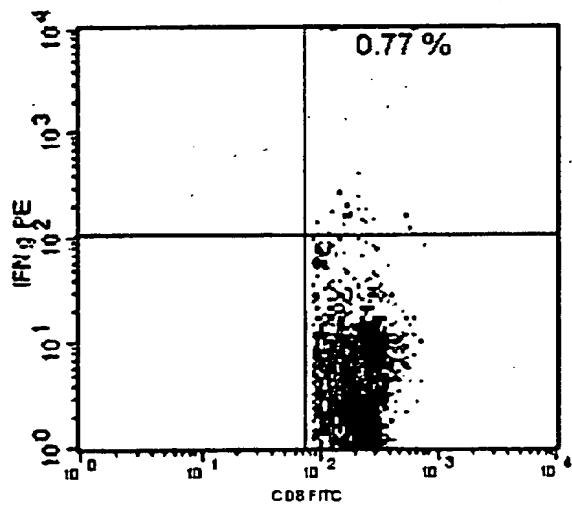
FIG. 6

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HA-specific Antibody Titration



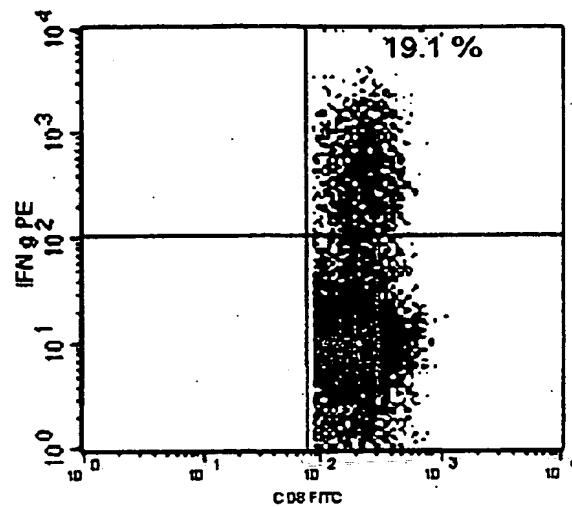
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FIG. 7 a**Group 1 : HA (3ug)****FIG. 7 b****Group 2 : HA (3ug) + rIL-12 (0.1ug)**

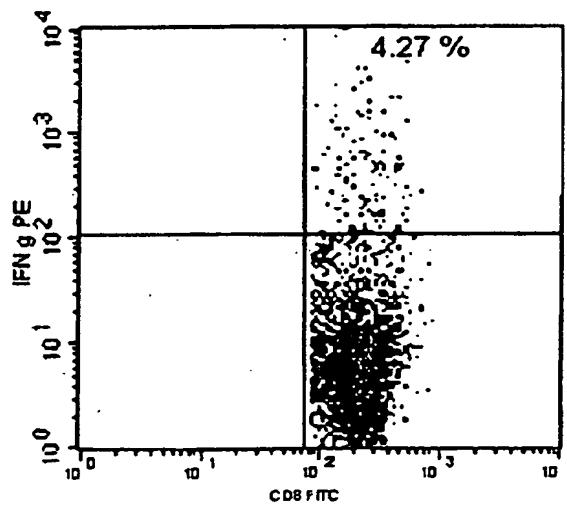
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FIG 7 c

Group 3: HA(3ug) +IL-12 encapsulating microspheres(0.1ug)

**FIG 7 d**

Group 4: HA(3ug) +IL-12 encapsulating microspheres(0.02ug)



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FIG. 8

